



PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments or suggestions should be directed to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known

Application Number	10/059,978
Filing Date	January 29, 2002
First Named Inventor	Bubb et al
Examiner Name	unknown
Group Art Unit	unknown
Attorney Docket No.	NC 82,974

METHOD OF PAYMENT	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account Number 50-0281 Deposit Account Name <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status, See 37 CFR 1.27	
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other	

FEE CALCULATION	
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid 101 740 201 370 Utility filing fee 106 330 206 165 Design filing fee 107 510 207 255 Plant filing fee 108 740 208 370 Reissue filing fee 114 160 214 80 Provisional filing fee	
SUBTOTAL(1) (\$ 0)	

2. EXTRA CLAIM FEES Total Claims Extra Claims Fee from below Fee Paid Independent Claims -20- = X = 0 Multiple Dependent Claims - 3" = X = 0	
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$ 0)	

**or number previously paid, if greater. For Reissues, see above

Fee	Fee	Fee	Fee	Description	Fee Paid
Fee	Fee	Fee	Fee	Fee Description	Fee Paid
105 130 205 65	205 65	Surcharge - late filing fee or oath			130.
127 50 227 25	227 25	Surcharge - late provisional filing fee or cover sheet			
139 130 139 130	139 130	Non-English specification			
147 2,520 147 2,520	147 2,520	For filing a request for ex parte reexamination			
112 920* 112 920*	112 920*	Requesting publication of SIR prior to Examiner action			
113 1,840* 113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action			
115 110 215 55	215 55	Extension for reply within first month			
116 400 216 200	216 200	Extension for reply within second month			
117 920 217 460	217 460	Extension for reply within third month			
118 1,440 218 720	218 720	Extension for reply within fourth month			
128 1,960 228 980	228 980	Extension for reply within fifth month			
119 320 219 160	219 160	Notice of Appeal			
120 320 220 160	220 160	Filing a brief in support of an appeal			
121 280 221 140	221 140	Request for oral hearing			
138 1,510 138 1,510	138 1,510	Petition to institute a public use proceeding			
140 110 240 55	240 55	Petition to revive - unavoidable			
141 1,280 241 640	241 640	Petition to revive - unintentional			
142 1,280 242 640	242 640	Utility issue fee (or reissue)			
143 460 243 230	243 230	Design issue fee			
144 620 244 310	244 310	Plant issue fee			
122 130 122 130	122 130	Petitions to the Commissioner			
123 50 123 50	123 50	Processing fee under 37 CFR 1.17(c)			
126 180 126 180	126 180	Submission of Information Disclosure Stmt			
581 40 581 40	581 40	Recording each patent assignment per property (times number of properties)			
146 740 246 370	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))			
149 740 249 370	249 370	For each additional invention to be examined (37 CFR § 1.129(b))			
179 740 279 370	279 370	Request for Continued Examination (RCE)			
169 900 169 900	169 900	Request for expedited examination of a design application			
Other fee (specify) _____				SUBTOTAL (3) (\$ 130)	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130)

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone 202-404-1552
Signature	<i>John J. Karasek</i>			
Date	5/29/02			

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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/059,978	01/29/2002	Daniel Bubb	NC 82,974

Code 1008.2, Naval Research Laboratory
4555 Overlook Ave., S.W.
Washington, DC 20375-5320

RECEIVED APR 08 2001

CONFIRMATION NO. 6076

FORMALITIES LETTER



OC000000007681775

Date Mailed: 03/20/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - Drawings must be in dark ink (not pencil), except where color drawings or photographs are permitted.
 - Drawings must be reasonably free from erasures and must be free from alterations, overwritings, interlineations, folds, and copy marks.

*A copy of this notice **MUST** be returned with the reply.*

Aricle Gitar

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE